

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/565677	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/27 09:19
S2	7	Mauser near Helmut	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/27 09:24
S3	1201	SAINT-GOBAIN adj GLASS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/27 09:25
S4	400	SAINT-GOBAIN adj GLASS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 09:25
S5	422	SAINT adj GOBAIN adj GLASS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 09:25
S6	0	SAINT adj GOBAIN adj GLASS and vinod adj patel	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 09:40
S7	0	SAINT adj GOBAIN and vinod adj patel	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 09:41
S8	4	SAINT-GOBAIN adj GLASS and vinod near patel	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 09:41
S9	7	("2878357"   "4119425"   "4284452"   "4820902"   "5182431"   "5798499").PN. OR ("7411158").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 09:41
S10	1181	219/203	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 09:42
S11	1301	John near jeffery	USPAT	OR	OFF	2009/10/27 09:43
S12	76692	"219"/\$.ccls.	USPAT	OR	OFF	2009/10/27 09:43
S13	798	S11 and S12	USPAT	OR	OFF	2009/10/27 09:43
S14	22	S13 and saint	USPAT	OR	OFF	2009/10/27 09:43
S15	4216	S12 and (windshield or pane or window)	USPAT	OR	OFF	2009/10/27 09:45
S16	141	S11 and (windshield or pane or window)	USPAT	OR	OFF	2009/10/27 09:45

S17	24	("20040026397"   "3366777"   "3902040"   "4023008"   "4196338"   "4213028"   "4668270"   "4743741"   "4910380"   "5012255"   "5354966"   "5552780"   "5846854"   "5898407"   "5960572"   "6072436"   "6132881"   "6185812"   "6559419"   "6670581"   "6734396"   "6765177"   "6946622").PN. OR ("7019260"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 09:46
S18	904	COMMUNICATION ADJ WINDOW	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 11:17
S19	34	S18 AND (WINDSHIELD OR PANE)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 11:18
S20	50	("20070187382" "5271994" "7056586" "4827274" "5324568" "3667179" "4584236" "5005317" "5020288" "5228740" "5242712" "5248539" "5294168" "5927039" "7405872" "7575809" "20040258929" "6114235" "4791771" "4910380" "5653903" "5877473" "3892947" "4563843" "4618088" "4786784" "4902081" "4999608" "5898407" "6198447" "7026577" "7301126" "7586664" "20050045613" "20050221062" "20070002422" "20090044464" "20090079641" "20090166347" "3849244" "5506037" "5631992" "5967647" "6015622" "6945680" "7074485" "20020003019" "20060099427" "4320427" "4309083" ).pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 11:27
S21	1181	219/203	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/27 13:31
S22	898	219/522	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/27 13:32
S23	1604	219/541	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/27 13:44

S24	1889	219/543	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/27 13:44
S25	61	52/171.2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/27 13:49
S26	1	substrate and electrically adj conduct\$3 adj coating and communication adj window and electrically adj conduct\$3 adj element and electrically adj conduct\$3 adj covering	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 14:00
S27	4	("4668270"   "6495261"   "6538192"   "6670581").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 11:47
S28	5	("4668270"   "6495261"   "6538192"   "6670581").PN. OR ("6946622").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 11:47
S29	904	communication adj window	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 11:52
S30	11	S29 and windshield	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 11:52
S31	44	("2557983"   "3313920"   "3313929"   "3396399"   "3491438"   "3789191"   "3789192"   "3790752"   "3794809"   "3928748"   "4100398"   "4396826"   "4543466"   "4587769"   "4656339"   "4820902"   "4864316"   "4940317"   "5030592"   "5182431"   "5213828"   "5240886"   "5434384"   "5492750"   "5523162"   "5540961"   "5593929"   "5798499"   "5824993"   "5877473"   "5990449"   "6011244"   "6027766"   "6100500"   "6193378"   "6356236"   "6396026"   "6582799"   "6636370").PN. OR ("7132625"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 12:15
S32	904	S29 and (windshield or window or pane)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 12:40
S33	34	S29 and (windshield or pane)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 12:40

S34	1181	219/203	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/10 12:43
S35	1120	219/203	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/10 12:43
S36	851	S34 and (windshield or window or pane)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 12:44
S37	6	S36 and communication adj window	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 12:44
S38	794	S34 and (windshield or window or pane)	USPAT; USOCR	OR	OFF	2009/11/10 12:45
S39	18	{"20020094407"   "3928748"   "4725710"   "5119467"   "5414240"   "5418025"   "5493102"   "5620799"   "5845342"   "5867129"   "6042924"   "6042932"   "6352754"   "6472636"   "6492619"   "6559419".PN. OR ("6765177").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 13:20
S40	25	("5354966").URPN.	USPAT	OR	OFF	2009/11/10 13:39
S41	14	{"2640904"   "3024341"   "3330942"   "3718535"   "3878361"   "3982092"   "4584721"   "4682007"   "4878850"   "4952783"   "5119467").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 13:40
S42	14	{"2640904"   "3024341"   "3330942"   "3718535"   "3878361"   "3982092"   "4584721"   "4682007"   "4878850"   "4952783"   "5119467").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 13:40
S43	5	("4668270"   "6495261"   "6538192"   "6670581").PN. OR ("6946622").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 13:54
S44	19	(US-20040026397-\$ or US- 20040200821-\$ or US- 20090166347-\$ or US- 20090044464-\$ or US- 20070187382-\$ or US- 20040065651-\$).did. or (US- 6946622-\$ or US-7132625-\$ or US-6891517-\$ or US-5898407-\$ or US-7190326-\$ or US-7258454-\$ or US-7223940-\$ or US- 6765177-\$ or US-6559419-\$ or US-6492619-\$ or US-5354966-\$ or US-4954797-\$ or US-6670581-	US-PGPUB; USPAT	OR	OFF	2009/11/10 15:26

		\$).did.				
S45	3	S44 and hot adj spot	USPAT	OR	OFF	2009/11/10 15:26
S46	0	heated adj car adj cover	USPAT	OR	OFF	2009/11/10 16:39
S47	0	heated adj car adj cover	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/10 16:39
S48	0	vinod adj patel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/10 16:39
S50	165977	"219"/\$.ocls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/10 16:40
S60	44	( "2557983"   "3313920"   "3313929"   "3396399"   "3491438"   "3789191"   "3789192"   "3790752"   "3794809"   "3928748"   "4100398"   "4396826"   "4543466"   "4587769"   "4656339"   "4820902"   "4864316"   "4940317"   "5030592"   "5182431"   "5213828"   "5240886"   "5434384"   "5492750"   "5523162"   "5540961"   "5593929"   "5798499"   "5824993"   "5877473"   "5990449"   "6011244"   "6027766"   "6100500"   "6193378"   "6356236"   "6396026"   "6582799"   "6636370").PN. OR ("7132625"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/11 11:44
S61	3	"10201863" "10201864"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/11 11:46
S62	8	"6791065"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/11 11:47
S63	7930	ppg adj industries adj inc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/12 07:50

S64	474	S63 and windshield	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/12 07:50
S65	288	S64 and window	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/12 07:50
S66	6	S64 and ((communication or toll) adj window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/12 07:51
S67	22	("3366777"   "4023008"   "4196338"   "4213028"   "4668270"   "4743741"   "4910380"   "5012255"   "5099250"   "5111329"   "5354966"   "5552780"   "5846854"   "5898407"   "5960572"   "6072436"   "6132881"   "6185812").PN. OR ("6670581").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 07:57
S68	18	((communication or toll) adj window) and windshield	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 08:11
S69	22	((communication or toll) adj window) and windshield	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/12 08:11
S70	40	((("20070187382") or ("5271994") or ("7056586") or ("4827274") or ("5324568") or ("3667179") or ("4584236") or ("5005317") or ("5020288") or ("5228740") or ("5242712") or ("5248539") or ("5294168") or ("5927039") or ("7405872") or ("7575809") or ("20040258929") or ("6114235") or ("4791771") or ("4910380") or ("5653903") or ("5877473") or ("3892947") or ("4563843") or ("4618088") or ("4786784") or ("4902081") or ("4999608") or ("5898407") or ("6198447") or ("7026577") or ("7301126") or ("7586664") or ("20050045613") or ("20050221062") or ("20070002422") or ("20090044464") or ("20090079641") or	USPAT; USOCR	OR	OFF	2009/11/12 10:35

		("20090166347") or ("3849244") or ("5506037") or ("5631992") or ("5967647") or ("6015622") or ("6945680") or ("7074485") or ("20020003019") or ("20060099427") or ("4320427") or ("4309083") or (".").pn.)).PN.				
S71	104	((("20070187382") or ("5271994") or ("7056586") or ("4827274") or ("5324568") or ("3667179") or ("4584236") or ("5005317") or ("5020288") or ("5228740") or ("5242712") or ("5248539") or ("5294168") or ("5927039") or ("7405872") or ("7575809") or ("20040258929") or ("6114235") or ("4791771") or ("4910380") or ("5653903") or ("5877473") or ("3892947") or ("4563843") or ("4618088") or ("4786784") or ("4902081") or ("4999608") or ("5898407") or ("6198447") or ("7026577") or ("7301126") or ("7586664") or ("20050045613") or ("20050221062") or ("20070002422") or ("20090044464") or ("20090079641") or ("20090166347") or ("3849244") or ("5506037") or ("5631992") or ("5967647") or ("6015622") or ("6945680") or ("7074485") or ("20020003019") or ("20060099427") or ("4320427") or ("4309083") or (".").pn.)).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/12 10:35
S72	104	((("20070187382") or ("5271994") or ("7056586") or ("4827274") or ("5324568") or ("3667179") or ("4584236") or ("5005317") or ("5020288") or ("5228740") or ("5242712") or ("5248539") or ("5294168") or ("5927039") or ("7405872") or ("7575809") or ("20040258929") or ("6114235") or ("4791771") or ("4910380") or ("5653903") or ("5877473") or ("3892947") or ("4563843") or ("4618088") or ("4786784") or ("4902081") or ("4999608") or ("5898407") or ("6198447") or ("7026577") or ("7301126") or ("7586664") or ("20050045613") or ("20050221062") or ("20070002422") or ("20090044464") or ("20090079641") or ("20090166347") or ("3849244") or ("5506037") or ("5631992") or ("5967647") or ("6015622") or ("6945680") or ("7074485") or ("20020003019") or ("20060099427") or ("4320427") or ("4309083") or (".").pn.)).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/12 10:36

		("5967647") or ("6015622") or ("6945680") or ("7074485") or ("20020003019") or ("20060099427") or ("4320427") or ("4309083")).PN.				
S73	50	((("20070187382") or ("5271994") or ("7056586") or ("4827274") or ("5324568") or ("3667179") or ("4584236") or ("5005317") or ("5020288") or ("5228740") or ("5242712") or ("5248539") or ("5294168") or ("5927039") or ("7405872") or ("7575809") or ("20040258929") or ("6114235") or ("4791771") or ("4910380") or ("5653903") or ("5877473") or ("3892947") or ("4563843") or ("4618088") or ("4786784") or ("4902081") or ("4999608") or ("5898407") or ("6198447") or ("7026577") or ("7301126") or ("7586664") or ("20050045613") or ("20050221062") or ("20070002422") or ("20090044464") or ("20090079641") or ("20090166347") or ("3849244") or ("5506037") or ("5631992") or ("5967647") or ("6015622") or ("6945680") or ("7074485") or ("20020003019") or ("20060099427") or ("4320427") or ("4309083")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 10:36
S74	0	("MausernearHelmüt").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/17 16:03
S75	7	Mauser near Helmut	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/17 16:04
S76	979	electrically adj conduct\$3 adj cover\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/17 16:25
S77	309	S76 and (window or windshield or pane or substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/17 16:26



S78	2	S77 and (communication adj window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/17 16:27
S79	22	("4260988"   "4439771"   "4608570"   "4736206").PN. OR ("4954797").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/17 16:59
S80	1134	(communication adj window) and (window or windshield or pane or substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/17 17:03
S81	167597	"219"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/17 17:03
S82	7	S80 and S81	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/17 17:03
S83	1134	(communication adj window) and (window or windshield or pane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/17 17:06
S84	7	S81 and S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/17 17:06
S85	41	(communication adj window) and (windshield or pane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/17 17:06
S86	4	"6891517"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/17 17:18

S87	37	("2557983"   "3396399"   "3633206"   "3789191"   "3789192"   "3789404"   "3790752"   "3794809"   "3961333"   "3975738"   "4126866"   "4287520"   "4301456"   "4479131"   "4543466"   "4587769"   "4656487"   "4820902"   "4851858"   "5030592"   "5208603"   "5213828"   "5240886"   "5311202"   "5364685"   "5492750"   "5523162"   "5528249"   "5593929"   "5767789"   "5812332"   "5861860"   "6027766"   "6323825").PN. OR ("6891517").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/17 17:18
S89	1140	219/203	USPAT; USOCR	OR	OFF	2010/06/17 17:31
S90	9	S89 and ((transmission or communication) adj (window or hole))	USPAT	OR	OFF	2010/06/17 17:47
S91	27	("20020015824"   "3790745"   "3792232"   "3794809"   "3893234"   "4543466"   "4782216"   "4820902"   "4894513"   "4902875"   "4940884"   "5182431"   "5229205"   "5414240"   "5434384"   "5653903"   "5824994"   "5877473").PN. OR ("6559419").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 11:03
S92	20	"6492619"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 11:07
S93	1	"11553707"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 16:04
S94	32	"4388522" "38464545"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 16:06
S95	0	"38464545"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 16:09
S96	0	"38464545"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 16:09
S97	0	"38644545"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 16:09
S98	8	"3864545"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 16:10
S99	112	substrate with printed adj conductive adj ink	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 16:17
S100	1206	219/203	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 16:23
S101	6	S100 and printed adj conductive adj ink	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 16:23

S102	8	S100 and printed near4 (conductive adj ink)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 16:26
S103	29	(window or windshield or pane) and printed near4 (conductive adj ink) and (busbar or bus adj bar)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 16:27
S107	130	(window or windshield or pane) and (conductive adj ink) and (busbar or bus adj bar)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 16:33
S108	47	S107 and print	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 16:33
S109	26	("3023697"   "3759800"   "3813519"   "3852564"   "3900634"   "4084506"   "4301189"   "4324815"   "4379737"   "4791006").PN. OR ("4958560").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 16:35
S110	26	(US-20040026397-\$ or US- 20040200821-\$ or US- 20090166347-\$ or US- 20090044464-\$ or US- 20070187382-\$ or US- 20040065651-\$ or US- 20070045264-\$).did. or (US- 6946622-\$ or US-7132625-\$ or US-6891517-\$ or US-5898407-\$ or US-7190326-\$ or US-7258454- \$ or US-7223940-\$ or US- 6765177-\$ or US-6559419-\$ or US-6492619-\$ or US-5354966-\$ or US-4954797-\$ or US-6670581- \$ or US-7186952-\$ or US- 7019260-\$ or US-4388522-\$ or US-3864545-\$ or US-4958560-\$ or US-5390595-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/06/24 09:24
S111	2	S110 and ink	USPAT	OR	OFF	2010/06/24 09:25
S112	3	S110 and ink	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/24 09:25
S113	17507	(print\$3 near4 ink) near4 substrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/24 09:27
S114	51	S113 and windshield	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/24 09:27

S115	1258	219/203	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/20 07:42
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**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	4	(substrate or window or windshield or pane) and (communication adj window) and covering and interruption	USPAT; UPAD	OR	OFF	2011/05/20 12:25

5/ 20/ 2011 12:26:29 PM

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